

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	8	gate dielectrics same (aluminum oxide or alumina) same (ito or indium tin oxide or indium oxide or tin oxide)	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/28 15:17
S1	188	derderian-garo-j.in.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/21 12:55
S2	18	meng-shuang.in.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/22 09:08
S3	28	dynka-danny.in.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/21 12:58
S4	714	427/255.28.ccls.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/21 12:54
S5	1519	427/569.ccls.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/21 12:54
S6	1245	427/126.3.ccls.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/21 12:54
S7	360	427/255.31.ccls.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/21 12:54
S8	281	427/255.32.ccls.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/21 12:55
S9	115	427/255.34.ccls.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/21 13:00
S10	372	427/255.37.ccls.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/21 12:55

## EAST Search History

S11	66	("20010029094"   "5270247"   "5340408"   "5344792"   "5399881"   "5480818"   "5612558"   "5661115"   "5691009"   "5693377"   "5696017"   "5746826"   "5817175"   "5851849"   "5879459"   "5899725"   "5902651"   "5908947"   "5923056"   "5942799"   "5976976"   "5981319"   "5994775"   "5997639"   "6083568"   "6090960"   "6281123").PN. OR ("6355561").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 13:19
S12	8	S9 and (ALD or (atomic layer deposit\$3))	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 13:01
S13	6	S10 and (ALD or (atomic layer deposit\$3))	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 13:03
S14	14	S8 and (ALD or (atomic layer deposit\$3))	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 13:04
S15	28	S7 and (ALD or (atomic layer deposit\$3))	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 13:09
S16	7	S6 and (ALD or (atomic layer deposit\$3))	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 13:06
S17	71	S5 and (ALD or (atomic layer deposit\$3))	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 13:01
S18	96	S4 and (ALD or (atomic layer deposit\$3))	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 13:01
S19	68	S17 and plasma	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 13:09
S20	70	S18 and plasma	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 13:20

## EAST Search History

S21	2	(ald or (atomic layer deposit\$3) or (sequential chemical vapor deposit\$3)) same ((remote plasma) with (oxygen and nitrogen)) same (metal oxide)	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 13:38
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## EAST Search History

S22	123	("20010000866"   "20010002280"   "20010009695"   "20010021589"   "20010024387"   "20010029092"   "20010029891"   "20020000598"   "20020005556"   "20020008297"   "20020014647"   "20020015790"   "20020029092"   "20020043666"   "20020064970"   "20020076837"   "20020081826"   "20020081844"   "20020086111"   "20020093046"   "20020093781"   "20020098627"   "20020106536"   "20020146895"   "20020151152"   "20020153579"   "20020155722"   "20020172768"   "20020175393"   "20020177282"   "20020182320"   "20020187256"   "20020195643"   "20020197881"   "20030031807"   "20030049931"   "20030049942"   "20030072975"   "20030082296"   "20030082301"   "20030089942"   "20030096473"   "20030104710"   "20030106490"   "20030109114"   "20030116804"   "20030133861"   "20030160277"   "20030168750"   "20030173586"   "20030185980"   "20030186495"   "20030188682"   "20030190423"   "20030194853"   "20030205729"   "20030213987"   "20030227033"   "20030232501"   "20030232506"   "20030232511"   "20030234417"   "20030235961"   "20040007747"   "20040009370"   "20040009675"   "20040016973"   "20040018723"   "20040018747"   "20040023461"   "20040023462"   "20040028952"   "20040029321"   "20040033698"   "20040036111"   "20040038554"   "20040040501"   "20040043149"   "20040043569"   "20040043630"   "20040046197"   "20040048491"   "20040051152"   "20040053484"   "20040216670"   "20050212119"   "5290609"   "5916365"   "6013553"     "6020243"   "6060755"   "6174809"   "6200893"   "6203613"     "6207487"   "6238734").PN. OR ("6270572"   "6287965"   "6291283"   "6297539"   "6299294"     "6305314"   "6342277"   "6348386"   "6372598"   "6391785"     "6391803"   "6395650"   "6395690"   "6399491"   "6416577"     "6420279"   "6451119"   "6451695"   "6452229"   "6475276"     "6475910"   "6482262"   "6599572"   "6620723"   "6630201"     "6674138"   "6803272").PN. OR ("7067420")   IDDN	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 13:23
8/28/2006 3:47:58 PM		C:\Documents and Settings\Kstouffer\My Documents\EAST\Workspaces\10733201.wsp				Page 4

## EAST Search History

S23	9	(ald or (atomic layer deposit\$3) or (sequential chemical vapor deposit\$3)) same ((remote plasma) with (oxygen and nitrogen))	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 13:34
S24	11	metzner-craig-r.in.	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 13:31
S26	0	(ald or (atomic layer deposit\$3) or (sequential chemical vapor deposit\$3)) same ((remote plasma) with (oxygen and nitrogen)) same (metal oxide)	USOCR; EPO; JPO	ADJ	ON	2006/08/21 13:34
S27	0	(ald or (atomic layer deposit\$3) or (sequential chemical vapor deposit\$3)) same ((remote plasma) with (oxygen and nitrogen))	USOCR; EPO; JPO	ADJ	ON	2006/08/21 13:35
S28	2	(ald or (atomic layer deposit\$3) or (sequential chemical vapor deposit\$3)) same (remote plasma)	USOCR; EPO; JPO	ADJ	ON	2006/08/21 13:36
S29	196	(ald or (atomic layer deposit\$3) or (sequential chemical vapor deposit\$3)) same (remote plasma)	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 13:36
S30	4	(ald or (atomic layer deposit\$3) or (sequential chemical vapor deposit\$3)) same ((remote plasma) with (oxygen or nitrogen)) same (metal oxide)	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 13:49
S31	37	(ald or (atomic layer deposit\$3) or (sequential chemical vapor deposit\$3)) same ((remote plasma) with (oxygen or nitrogen))	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 13:43
S32	23	(ald or (atomic layer deposit\$3) or (sequential chemical vapor deposit\$3)) same (plasma with (oxygen or nitrogen)) same (metal oxide)	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 13:50
S33	147	(remote plasma) with (oxygen and nitrogen)	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 13:50
S34	6	(ald or (atomic layer deposit\$3) or (sequential chemical vapor deposit\$3)) same (plasma with (oxygen and nitrogen)) same (metal oxide)	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 14:05

## EAST Search History

S35	3	S29 and S34	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 14:05
S36	199	S29 or S34	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 14:05
S37	172	S36 and oxide	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 14:06
S38	17	S36 and (oxide oxynitride)	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 14:06
S39	172	S36 and (oxide or oxynitride)	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 14:08
S40	130	S39 and oxygen and nitrogen	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 14:09
S41	98	S39 and (oxygen same nitrogen)	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/21 14:13

## EAST Search History

S42	43	(US-20020090829-\$ or US-20040197476-\$ or US-20030207032-\$ or US-20050019494-\$ or US-20040009307-\$ or US-20020001969-\$ or US-20050087130-\$ or US-20040137167-\$ or US-20020164421-\$ or US-20020076507-\$ or US-20030232511-\$ or US-20040222490-\$ or US-20020197818-\$ or US-20040077182-\$ or US-20030139005-\$ or US-20060174833-\$ or US-20060009044-\$ or US-20050282400-\$ or US-20050181555-\$ or US-20060017112-\$ or US-20030183171-\$ or US-20030143319-\$ or US-20020197864-\$ or US-20020192955-\$ or US-20020192954-\$ or US-20020162506-\$).did. or (US-6355561-\$ or US-6403156-\$ or US-6905737-\$ or US-6824816-\$ or US-6656282-\$ or US-6528430-\$ or US-7022605-\$ or US-7067439-\$ or US-6451695-\$ or US-6861334-\$ or US-6620702-\$ or US-6723642-\$ or US-6818517-\$ or US-6534395-\$ or US-6305314-\$ or US-6200893-\$). did. or (WO-3089683-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/08/21 14:19
S47	2	("6200893").PN.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2006/08/21 14:30

## EAST Search History

S48	34	(US-20020090829-\$ or US-20040197476-\$ or US-20030207032-\$ or US-20050019494-\$ or US-20040009307-\$ or US-20020001969-\$ or US-20050087130-\$ or US-20040137167-\$ or US-20020076507-\$ or US-20040222490-\$ or US-20020197818-\$ or US-20040077182-\$ or US-20030139005-\$ or US-20060174833-\$ or US-20060009044-\$ or US-20050282400-\$ or US-20050181555-\$ or US-20060017112-\$ or US-20030143319-\$ or US-20020162506-\$).did. or (US-6355561-\$ or US-6403156-\$ or US-6905737-\$ or US-6824816-\$ or US-6656282-\$ or US-6528430-\$ or US-7022605-\$ or US-6861334-\$ or US-6620702-\$ or US-6723642-\$ or US-6818517-\$ or US-6534395-\$ or US-6305314-\$).did. or (WO-3089683-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/08/21 14:34
S49	13	S48 and (remote adj plasma) and (oxygen same nitrogen)	US-PGPUB; USPAT; EPO	OR	ON	2006/08/21 15:48
S50	16	S48 and (plasma) and (oxygen same nitrogen)	US-PGPUB; USPAT; EPO	OR	ON	2006/08/21 15:52
S51	13	S48 and (plasma) same (oxygen same nitrogen)	US-PGPUB; USPAT; EPO	OR	ON	2006/08/21 15:48
S52	2	("5567243").PN.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2006/08/21 16:14
S53	301	oxygen same nitrogen same ((remote-plasma) (remote adj plasma) (remote near5 plasma))	US-PGPUB; USPAT; EPO	OR	ON	2006/08/21 16:18
S54	90	S53 same (ald or (atomic adj layer adj deposition) or cvd or (sequential adj chemical adj vapor adj deposition) or (plasma adj enhanced))	US-PGPUB; USPAT; EPO	OR	ON	2006/08/21 16:21



## EAST Search History

S55	14	S53 same (metal adj oxide)	US-PGPUB; USPAT; EPO	OR	ON	2006/08/21 16:19
S56	67	oxygen with (remote adj plasma) with nitrogen	US-PGPUB; USPAT; EPO	OR	ON	2006/08/21 16:22
S57	25	S56 same oxide	US-PGPUB; USPAT; EPO	OR	ON	2006/08/21 16:24
S59	192	((aluminum tin indium metal) with (oxide)) same ((remote adj plasma) (remote-plasma) same (oxygen with nitrogen))	US-PGPUB; USPAT; EPO	OR	ON	2006/08/21 16:26
S60	2	(oxygen adj remote adj plasma) same (nitrogen adj remote adj plasma)	US-PGPUB; USPAT; EPO	OR	ON	2006/08/21 16:59
S61	67	(oxygen with nitrogen with (remote adj plasma))	US-PGPUB; USPAT; EPO	OR	ON	2006/08/21 16:53
S62	10	werkhoven-christiaan-j.in.	US-PGPUB; USPAT; EPO	OR	ON	2006/08/21 16:53
S63	218	(oxygen adj plasma) same (nitrogen adj plasma)	US-PGPUB; USPAT; EPO	OR	ON	2006/08/21 17:04
S64	12	(oxygen adj radical) same (nitrogen adj radical) same remote	US-PGPUB; USPAT; EPO	OR	ON	2006/08/21 17:08
S65	0	(RPO with RPN) same ((metal aluminum indium tin) adj oxide)	US-PGPUB; USPAT; EPO	OR	ON	2006/08/21 17:09
S66	11	(RPO with RPN)	US-PGPUB; USPAT; EPO	OR	ON	2006/08/21 17:14
S67	2	("6534395").PN.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2006/08/21 17:14
S68	40	(remote adj plasma) same (nitrogen with (source adj gas)) and dielectric	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/22 10:11
S69	4	(remote adj plasma) same (oxide with (tin indium)) and dielectric	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/22 09:09

## EAST Search History

S70	1	(trimethyl (tri adj methyl) tri-methyl) with (tin indium) with (oxide near5 film)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/22 10:38
S71	31525	tin with indium with oxide with (film layer)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/22 09:12
S72	99	S71 and (ald (atomic adj layer adj deposition))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/22 10:27
S73	41	(remote adj plasma) same (nitrogen with (source adj gas))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/22 10:16
S74	0	(remote adj plasma) same (nitrogen with (source adj gas)) same (("n.sub.2") with ("n.sub.2o") with "n.sub.2")	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/22 10:16
S75	20	(remote adj plasma) same (nitrogen with (source adj gas)) same (("n.sub.2") ("n.sub.2o") ("n.sub.2"))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/22 10:26
S76	11179	teos same ((silicon adj oxide) ("SiO.sub.2"))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/22 10:32
S77	337	S76 and (ald (atomic adj layer adj deposition))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/22 10:32
S78	288	S77 and plasma	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/22 10:28
S79	35	S77 and (remote adj plasma)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/22 10:28
S80	34	S79 and dielectric	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/22 10:28
S81	229	teos same ((silicon adj oxide) ("SiO.sub.2"))	EPO; JPO	OR	ON	2006/08/22 10:33
S82	0	S81 and (ald (atomic adj layer adj deposition))	EPO; JPO	OR	ON	2006/08/22 10:33

## EAST Search History

S83	0	S81 and (remote adj plasma)	EPO; JPO	OR	ON	2006/08/22 10:34
S84	85	S81 and plasma	EPO; JPO	OR	ON	2006/08/22 10:34
S85	1	(trimethyl adj tin) and (trimethyl adj indium) and (tin adj oxide) and (indium adj oxide) and (ITO (indium adj tin adj oxide))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/22 11:03
S86	103	(indium adj tin adj oxide) with precursor	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/28 10:26
S87	2	yamazaki-kazuyoshi.in.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/28 10:23
S88	0	oxygen plasma and nitrogen plasma with seperate	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/28 10:27
S89	0	oxygen plasma and nitrogen plasma with generating chamber	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/28 10:27
S90	568	oxygen plasma and nitrogen plasma	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/28 11:03
S91	46	S90 and generat\$3 (unit or source or chamber or area)	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/28 11:03
S92	3	S91 and (ald or atomic layer deposit\$3)	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/28 10:32
S93	2	("2003/0104320").URPN.	USPAT	OR	ON	2006/08/28 10:41
S94	0	("2006/0174833").URPN.	USPAT	OR	ON	2006/08/28 10:41
S96	2	("6652924").PN.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2006/08/28 10:45
S97	0	(indium with tin with oxide) same (ald or atomic layer deposition) and (remote plasma) and oxygen and nitrogen	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/28 10:46
S98	0	(indium with tin with oxide) same (ald or atomic layer deposition) and (remote plasma)	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/28 10:46

## EAST Search History

S99	16	(indium with tin with oxide) same (ald or atomic layer deposition) and (plasma)	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/28 15:16
S10 0	1	("2005/0098204").URPN.	USPAT	OR	ON	2006/08/28 10:51
S10 1	14	S90 and generat\$3 (unit or chamber)	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/28 11:03
S10 2	231	oxygen plasma same nitrogen plasma	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/28 11:03
S10 3	6	S102 and generat\$3 (unit or chamber)	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/28 11:03
S10 5	0	plasma with (ald or atomic layer deposition) same (seperate or different or plural) generating (unit or chamber)	USPAT	ADJ	ON	2006/08/28 11:10
S10 6	0	plasma same (ald or atomic layer deposition) same (seperate or different or plural) generating (unit or chamber)	USPAT	ADJ	ON	2006/08/28 11:10
S10 7	0	plasma same (seperate or different or plural) generating (unit or chamber)	USPAT	ADJ	ON	2006/08/28 11:10
S10 8	0	plasma same (ald or atomic layer deposition) same generating (unit or chamber)	USPAT	ADJ	ON	2006/08/28 11:11
S11 5	1	Pct/jp03/15679.pct.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/28 12:22
S11 9	19	(rpo or remote plasma oxidation) same (rpn or remote plasma nitrification)	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/28 12:15
S12 0	1451	plasma same generating (unit or chamber)	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/28 12:10

## EAST Search History

S12 1	14	S120 and (ald or atomic layer deposition)	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/08/28 12:11
S13 1	46	yamazaki-kazuyoshi.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 12:39